| Ref<br># | · Hits | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|---|--|---------------------|---------|------------------|
| S1       | 3      | carbon near5 SiGe and poly-Si and stack   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2004/11/01 11:27 |
| S2       | 3      | carbon near5 SiGe and poly-Si and stack   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/10/19 11:18 |
| S3       | 5      | Silicon adj germanium near5<br>carbon and polysilicon same (stack<br>or gate adj stack)                 | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/10/19 11:23 |
| S4       | 332    | Silicon adj germanium adj carbon<br>same gate and polysilicon same<br>(stack or gate adj stack)or SiGeC | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/10/19 13:11 |
| S5       | 13     | gate and polysilicon same (stack<br>or gate adj stack)and SiGeC   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/10/19 13:16 |
| S6       | 222    | polysilicon adj seed adj layer near<br>"5" carbon and lightly adj doped<br>and extension                | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .                | ON      | 2004/10/20 14:12 |
| S7       | 0      | polysilicon adj seed adj layer<br>near5 carbon and lightly adj doped<br>and extension                   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON .    | 2004/10/20 14:14 |
| S8       | 0      | polysilicon adj seed adj layer same<br>carbon and lightly adj doped and<br>extension                    | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/10/20 14:13 |
| S9       | 2      | seed adj layer same carbon and<br>lightly adj doped and extension                                       | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/10/20 14:13 |
| S10      | 0      | polysilicon adj seed adj layer<br>near5 carbon and gate   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/10/20 14:14 |
| S11      | 0      | polysilicon adj seed adj layer same<br>carbon and gate  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/10/20 14:14 |
| S12      | 0      | silicon adj seed adj layer same<br>carbon and gate  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/10/20 14:15 |

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|-----|-------|---|--|----|----|------------------|
| S13 | 27    | seed adj layer same carbon and gate   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/20 15:25 |
| S14 | 1     | silicon near5 seed adj layer same<br>cárbon and gate  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/20 15:35 |
| S15 | 0     | LDD and SiGe and extension and "400" adj Angstroms  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/20 15:38 |
| S16 | 6     | LDD and SiGe and extension and<br>Angstroms   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/20 16:18 |
| S17 | 6     | LDD same extension and<br>Angstroms and (polysilicon and<br>silicon adj germanium) same gate  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/20 16:29 |
| S18 | 3     | LDD same extension and<br>Angstroms same (polysilicon and<br>silicon adj germanium) same gate | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/20 19:27 |
| S19 | 10    | LDD same extension and<br>Angstroms same (lower and<br>upper) same gate                       | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/20 19:30 |
| S20 | 45    | extension and Angstroms same<br>(lower and upper) same gate                                   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/20 19:31 |
| S21 | 7     | LDD and Angstroms same (lower and upper) adj gate   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/20 19:35 |
| S22 | 18    | LDD and Angstroms and (lower and upper) adj gate  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/20 19:35 |
| S23 | 18574 | SiGe or silicon adj germanium   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/28 12:14 |
| S24 | 10023 | (SiGe or silicon adj germanium) and thickness   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/28 12:14 |

| S25 | <b>713</b> | ((SiGe or silicon adj germanium)<br>and thickness) and (LDD or lightly<br>adj doped adj drain)                               | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR   | ON   | 2004/10/28 12:15 |
|-----|------------|--|--|------|------|------------------|
| S26 | 555        | (((SiGe or silicon adj germanium)<br>and thickness) and (LDD or lightly<br>adj doped adj drain)) and<br>(sidewall or spacer) | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR   | ON   | 2004/10/28 12:51 |
| S27 | 313        | (257/297).CCLS.  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF  | 2004/10/28 12:52 |
| S28 | 2949       | Sige and thickness   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR   | OFF  | 2004/11/01 11:29 |
| S29 | 2974       | Sige and thickness   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR   | ON   | 2004/11/01 11:29 |
| S30 | 197        | Sige and thickness and LDD   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR   | OŅ   | 2004/11/01 11:30 |
| S31 | 195        | Sige and thickness and LDD and @ad<="20030716"   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR   | ON   | 2004/11/01 12:02 |
| S32 | 308        | (Sige or silicon adj germanium) same thickness and LDD and @ad<="20030716"   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR   | ON ' | 2004/11/01 16:05 |
| S33 | 2          | polysilicon same thickness and<br>gatestack and LDD and<br>@ad<="20030716"   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR   | ON   | 2004/11/01 16:09 |
| S34 | 1          | polysilicon same ang and<br>gatestack and LDD and<br>@ad<="20030716"   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR   | ON   | 2004/11/01 16:10 |
| S35 | 1          | silicon same ang and gatestack<br>and LDD and @ad<="20030716"  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR . | ON   | 2004/11/01 16:10 |
| S36 | 1          | silicon same thickness and<br>gatestack and LDD and<br>@ad<="20030716"   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR   | ON   | 2004/11/01 16:10 |

| S37              | 5354 | silicon same thickness and LDD and @ad<="20030716"  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON   | 2004/11/01 16:10 |
|------------------|------|---|---|----|------|------------------|
| S38              | 3301 | polysilicon same thickness and LDD and @ad<="20030716"  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON   | 2004/11/01 16:11 |
| S39              | 0    | polysilicon same "1000 thickness"<br>and LDD and @ad<="20030716"  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON   | 2004/11/01 16:11 |
| S40              | 4711 | polysilicon same "1000" same<br>"100" same "10" thickness and<br>gate adj oxide and LDD and<br>@ad<="20030716"                | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON   | 2004/11/01 16:16 |
| S41              | 4324 | polysilicon same "1000" same<br>"100" same "10 nm" thickness and<br>gate adj oxide and LDD and<br>@ad<="20030716"             | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON   | 2004/11/01 16:17 |
| S42              | 4319 | polysilicon same "1000" same "100 nm" same "10 nm" thickness and gate adj oxide and LDD and @ad<="20030716"                   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB.             | OR | ON   | 2004/11/01 16:17 |
| S43              | 4319 | polysilicon same "1000" same<br>"100 nm" same "10 nm" thickness<br>and gate adj oxide and LDD and<br>@ad<="20030716" and gate | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON   | 2004/11/01 16:37 |
| S44              | 6    | SiGe adj gate and thickness and gate adj oxide and LDD and @ad<="20030716" and gate   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON   | 2004/11/01 16:38 |
| S45              | 2    | poly-SiGe near5 carbon  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2005/08/01 13:10 |
| S46              | 1668 | (438/270).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF  | 2005/08/05 18:41 |
| S47              | 47   | S46 and (SiGe or silicon adj<br>germanium)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON . | 2005/08/01 16:05 |
| S48 <sub>.</sub> | 426  | (438/299).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF  | 2005/08/01 16:29 |

| S49 · | 1026 | (438/303).CCLS.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR   | OFF | 2005/08/01 16:29 |
|-------|------|--|---|------|-----|------------------|
| S50   | 113  | S49 and (SiGe or silicon adj<br>germanium)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR   | OFF | 2005/08/01 16:37 |
| S51   | 989  | (438/592).CCLS.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR . | OFF | 2005/08/01 16:37 |
| S52   | 92   | S51 and (SiGe or silicon adj<br>germanium)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR   | OFF | 2005/08/01 16:39 |
| S53   | 17   | S51 and (SiGe or silicon adj<br>germanium)and carbon   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR   | ON  | 2005/08/01 16:40 |
| S54   | 198  | (438/157).CCLS.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR   | OFF | 2005/08/05 18:41 |
| S55   | 2678 | carbon near5 (SiGe or silicon adj<br>germanium)  | US-PGPUB;<br>USPÄT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/08/05 18:43 |
| S56   | 754  | carbon near5 (SiGe or silicon adj<br>germanium) and gate   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/08/05 18:44 |
| S57   | 296  | carbon near5 (SiGe or silicon adj<br>germanium) and gate and (poly-Si<br>or polysilicon)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON. | 2005/08/05 18:44 |
| S58   | 0    | ("2005/0014353").URPN.   | USPAT   | OR   | OFF | 2005/08/05 18:52 |
| S59   | 7    | ("20020033511"   "20020151153"<br>  "5185280"   "6030874"  <br>"6096617"   "6153920"  <br>"6306712").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR   | OFF | 2005/08/05 20:12 |
| S60   | 2    | ("5998289").PN.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR   | OFF | 2005/08/05 20:12 |